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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A system for dispensing resist, comprising:
 - a reservoir;
 - a nozzle in fluid communication with the reservoir; and
 - a return line in fluid communication with the reservoir, the return line has a liquid trap to mitigate fluid evaporation;
 - wherein the nozzle is moveable between first and second positions to continuously dispense liquid;
 - in the first position, the nozzle is positioned to dispense liquid from the reservoir onto a substrate; and
 - in the second position the nozzle is positioned to dummy-dispense liquid from the reservoir into the return line to provide a constant flow of liquid through the nozzle to mitigate residual occlusion accrual in the nozzle.
2. (Original) The system of claim 1, the return line has a coupling with a shape complementary to that of the nozzle and the nozzle is fit into the coupling when the nozzle is in the second position.
3. (Original) The system of claim 2, the reservoir is below the return line coupling.
4. (Original) The system of claim 1, the reservoir has a port out which gas released from liquid in the reservoir is exhausted.

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5. (Original) The system of claim 1, the nozzle has a tip approximately in the shape of a truncated cone and a circumference of the cone at its base is at least about 10 times a circumference of the cone where it is truncated.
6. (Original) The system of claim 1 wherein the nozzle has a tip approximately in the shape of a truncated cone, the tip has an orifice on the truncated end, and a circumference of the cone at its base is at least about 10 times a circumference of the orifice.
7. (Cancelled)
8. (Original) The system of claim 1, the return line exhausts into a holding tank that is separate from the reservoir.
9. (Original) The system of claim 1, wherein the reservoir contains a resist solution.
10. (Original) The system of claim 1, wherein the return line is capped when the nozzle is in the first position.
11. (Original) The system of claim 1, further comprising a pump that pumps fluid from the reservoir to the nozzle and a fluid from the return line flows into the reservoir by the action of gravity.
12. (Original) The system of claim 11, a residence time of resist within the return line is less than about 10 minutes.

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13. (Previously Presented) A system for dispensing resist solution, comprising:
a reservoir for containing resist solution;
means for alternatively dispensing resist solution from the reservoir onto a substrate, and dummy-dispensing resist solution into a means for returning dummy-dispensed resist solution to the reservoir, to provide continuous flow of resist solution through the means for dispensing to mitigate occlusion thereof; and
means for returning dummy-dispensed resist to the reservoir, the means for returning dummy-dispensed resist has a liquid trap to mitigate fluid evaporation.
14. (Withdrawn) A method of dispensing resist, comprising:
drawing resist from a reservoir;
dispensing resist through a dispense head onto a substrate;
dummy dispensing resist to mitigate residues on the dispense head;
capturing dummy dispensed resist; and
returning dummy dispensed resist to the reservoir.
15. (Withdrawn) The method of claim 14, the dummy dispensed resist is captured by coupling the dispense head with a return line.
16. (Withdrawn) The method of claim 15, an atmosphere through which dummy dispensed resist flows is substantially saturated with vapor from the resist solution.
17. (Withdrawn) The method of claim 14, the dummy dispensed resist is filtered shortly after it is captured.
18. (Withdrawn) The method of claim 14, the dummy dispensed resist is immediately returned to the reservoir.

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19. (Withdrawn) The method of claim 14, further comprising adding solvent to the dummy dispensed resist before returning the dummy dispensed resist to the reservoir.
20. (Withdrawn) The method of claim 14, further comprising testing the dummy dispensed resist before returning it to the reservoir.